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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032. U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | 100103.406                                  |
| First Inventor         | Hongyun Chen                                |
| Title                  | NOVEL ABCG4 TRANSPORTER<br>AND USES THEREOF |
| Express Mail Label No. | EL755731114US                               |

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 105]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
5. ☐ Oath or Declaration [Total Sheets 1]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. ☒ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. ☒ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
Should be specifically itemized
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C.  
122(b)(2)(B)(i). Applicant must attach form  
PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the  
requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) ☒ Claims priority from provisional application  
Nos. 60/272,886 filed 03/02/01;  
60/309,262 filed 07/31/01; and  
60/316,339 filed 08/29/01


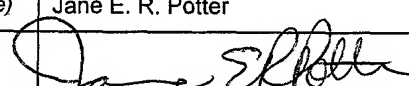
Prior application information

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or  
declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or  
divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a  
portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

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| Telephone   |   | Fax |  |   |
| Name (Print/Type)                                     | Jane E. R. Potter   |     | Registration No.<br>(Attorney/Agent)   | 33,332  |
| Signature   |  |     | Date   | March 1, 2002   |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount  
of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND  
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